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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/564,078	01/09/2006	Reiner Franz Schulz	P05,0445	7105
26574	7590	09/18/2007		
SCHIFF HARDIN, LLP PATENT DEPARTMENT 6600 SEARS TOWER CHICAGO, IL 60606-6473			EXAMINER BITAR, NANCY	
			ART UNIT	PAPER NUMBER
			2624	
			MAIL DATE	DELIVERY MODE
			09/18/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The information disclosure statement filed 06/21/2006 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because there is no English abstract or English translation to any of the following documents (DE 19719954, and Digital Detekotorsysteme, and Krause et al.) . It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

### **Examiner Notes**

2. Examiner cites particular columns and line numbers in the references as applied to the claims below for the convenience of the applicant. Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested that, in preparing responses, the applicant fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claim 5 is rejected under 35 U.S.C. 102(b) as being anticipated by Mitchell et al (6,510,197).

As to claim 5, Mitchell et al. teaches a method for correcting pixels of an x-ray image data set, comprising the steps of:

acquiring an x-ray exposure of an examination subject with an x-ray apparatus using a storage film as an x-ray detector, said storage film comprising a storage luminophore layer having a sensitivity that changes dependent on an accumulated x-ray dose to which said storage luminophore is exposed (the storage layer is preferably a storage luminophore and is most preferably a stimuable phosphor. The hospholuminescent material converts incoming electromagnetic wave radiation to light, which increases the detection efficiency of the sensor, column 9 lines 20-39); reading out said storage film with a readout device after acquiring x-ray exposure (note that the background optical density of the x-ray film is also assumed to be linearly related to x-ray exposure the latent radiation image of the object from the storage layer radiation screen, note that the light emitted from the storage layer is then detected and converted into data corresponding to the image column 9, lines 58-59); from the readout of said storage

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film, generating an x-ray image data set corresponding to said x-ray exposure, said x-ray image data set comprising a plurality of data set pixels respectively corresponding to pixels of said x-ray exposure ( note that The emission collecting system 34 generates signals which are used by an image processing system 28 to form a visible image of the latent radiation image( column 8, lines 50-59); and correcting each of said data set pixels with a correction value associated with the pixel corresponding thereto in the x-ray exposure ( correction of geometric distortion, , column 20, lines 49-67 and figure 7A,7B), by adapting each correction value dependent on an accumulated x-ray dose to which a portion of the storage film containing the pixel corresponding to the data set pixel was exposed, before acquiring said exposure of the subject ( step 315-320, note that enough x rays are used to optimize image signal-to-noise ratio with patient dose and exposure time )

***Allowable Subject Matter***

5. Claims 6-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nancy Bitar whose telephone number is 571-270-1041. The examiner can normally be reached on Mon-Fri (7:30a.m. to 5:00pm).

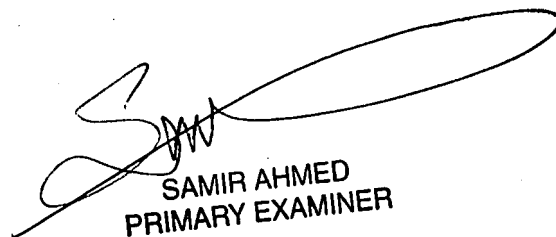
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Samir Ahmed can be reached on 571-272-7413. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nancy Bitar

09/04/2007



SAMIR AHMED  
PRIMARY EXAMINER